

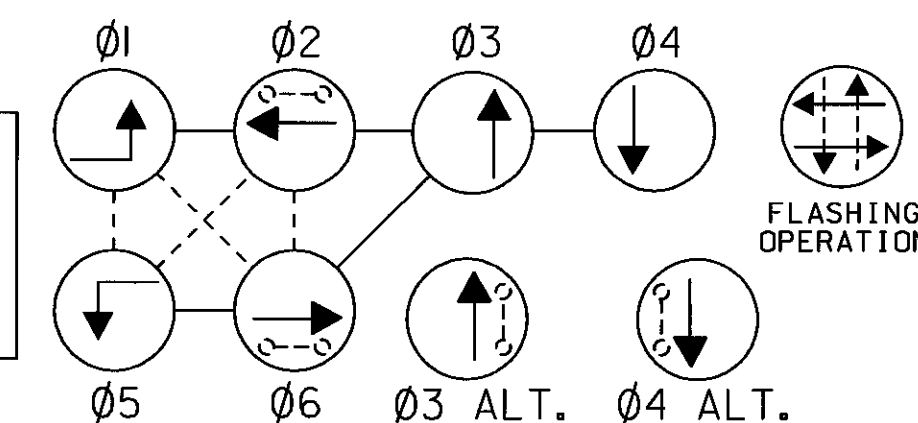
- I. INSTALL HANDHOLE.
- J. INSTALL OVERHEAD VIDEO DETECTION CAMERA, WIRING, AND POWER.
- K. INSTALL NEMA SIZE "6" BASE MOUNTED CONTROLLER CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT (NOTE: 2-2 AND 2-4 IN. SCHEDULE 80, 90° POLYVINYL CHLORIDE CONDUIT BENDS).
- L. INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).

## SIGNALS

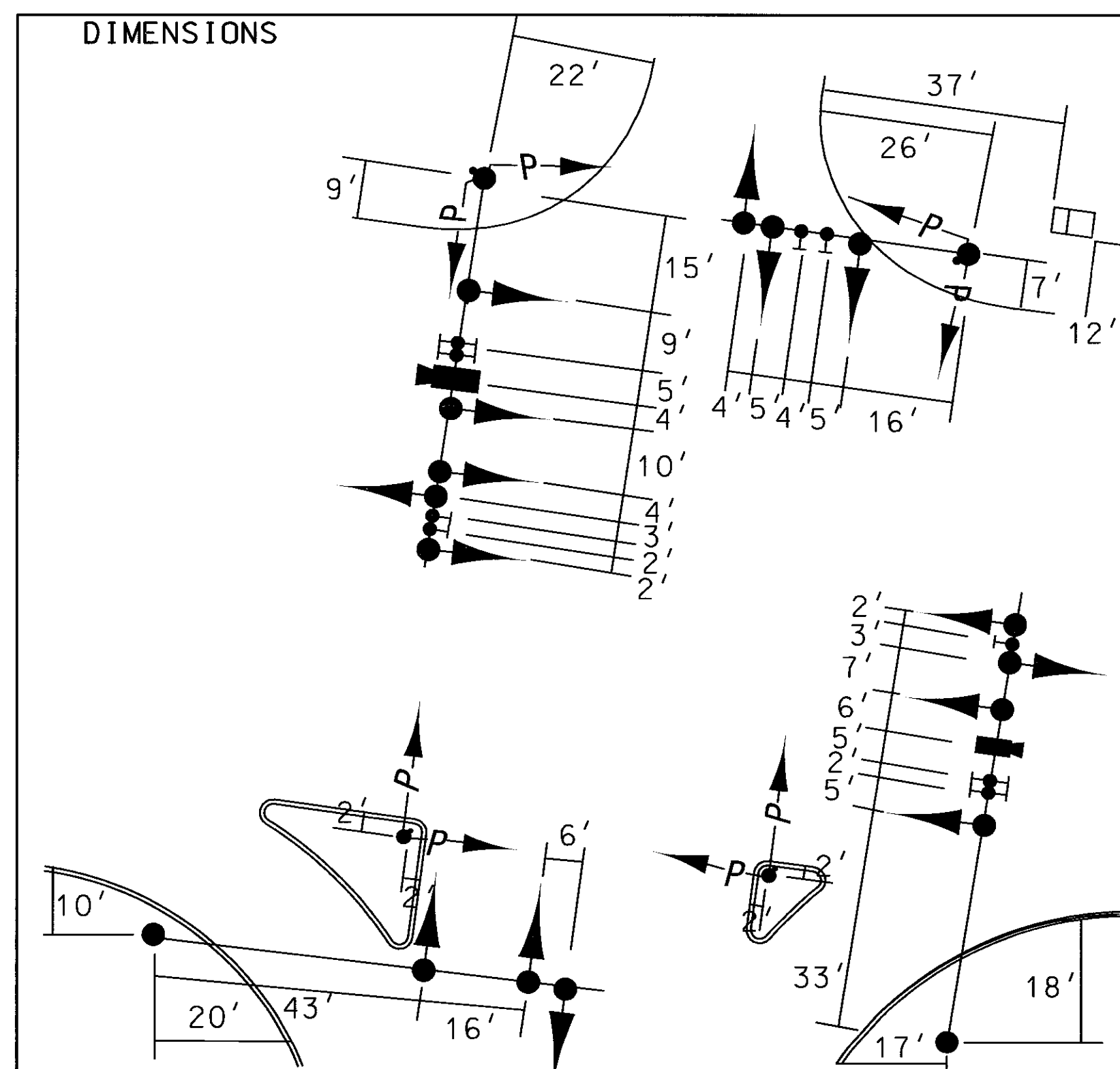
## NEMA PHASING



**PHASING NOTES:**

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



## DIMENSIONS



 DETECTION ZONE  
 OVERHEAD VIDEO  
 DETECTION CAMERA



ENGINEERING-PLANNING-EARTH SCIENCES-SURVEYING  
**GREENHORNE & O'MARA, INC.**  
 810 GLENEAGLES COURT, SUITE 106, BALTIMORE, MARYLAND 21286  
 (410) 583-6700  
 ANNAPOLIS-MD-BALTIMORE-MD-ATLANTA-GA-TAMPA-FL-FORT MYERS-FL-FAIRFAX-VA-WEST PALM BEACH-FL  
 ROCKVILLE-VA-RALEIGH-NC-FREDERICKSBURG-VA-MECHANICSBURG-PA-ST. PETERSBURG-FL

- ① SIGNAL HEAD LOCATIONS TO BE VERIFIED BY FIELD ENGINEER
- ② CONTRACTOR SHALL HAVE CATALOG CUTS APPROVED BY THE OFFICE OF TRAFFIC AND SAFETY PRIOR TO PURCHASING EQUIPMENT
- ③ REFER TO SIGNING AND PAVEMENT MARKING PLAN FOR SIGNS AND PAVEMENT MARKINGS (ESPECIALLY ALL CROSSWALKS AND STOP LINES)
- ④ ALL SIGNAL EQUIPMENT AT UNIVERSITY BLVD. AND MIDVALE RD. TO BE REMOVED (12 INCHES BELOW GRADE FOR ALL FOUNDATIONS)
- ⑤ SIGN 27 SHALL BE LOCATED 265' EAST OF WESTBOUND STOP LINE AND SIGN 24 SHALL BE LOCATED 265' WEST OF THE EASTBOUND STOP LINE


LEGEND OF UNDERGROUND  
AND OVERHEAD UTILITIES

AERIAL CABLE	—A—A—
ELECTRIC	—E—E—
TELEPHONE	—T—T—
GAS	—G—G—
SEWER	—S—S—
WATER	—W—W—
CABLE TV	—TV—TV—

TS- 1

REVISIONS					APPROVALS	
07	REVISION #1 CHANGE SIGNAL HEADS #10 AND #19 TO 4-SECTION			8-29-03 HEADS #10	<div></div>	
<i>G.K.</i>	<i>Allen</i>	<i>10.04.03</i>	<i>P.H.</i>	<i>BEL</i>		
086					TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
					ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
					CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
					DIRECTOR, TRAFFIC & SAFETY	



 **MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
**Traffic Signal Plan**  
**MD 193 AT VALLEY VIEW AVENUE**

DRAWN BY: NS  
CHECKED BY: CJP  
SCALE: 1" = 20'  
DATE: AUGUST 1, 2002

F.A.P. NO.	
S.H.A. NO.	BW996M82
COUNTY:	MONTGOMERY
LOG MILE:	15019300.95

TS NO. <u>4208</u>	SHEET NO.
T.I.M.S. NO. E443	1 OF 2

J:/TRANS/Rockville Office/Wheaton Plaza/2D/VALLEYVIEWSIGNAL-SH1.dgn  
JUNE 6, 2003 10:00 AUGUST 29, 2003 10:00